

MAGNASONIC®

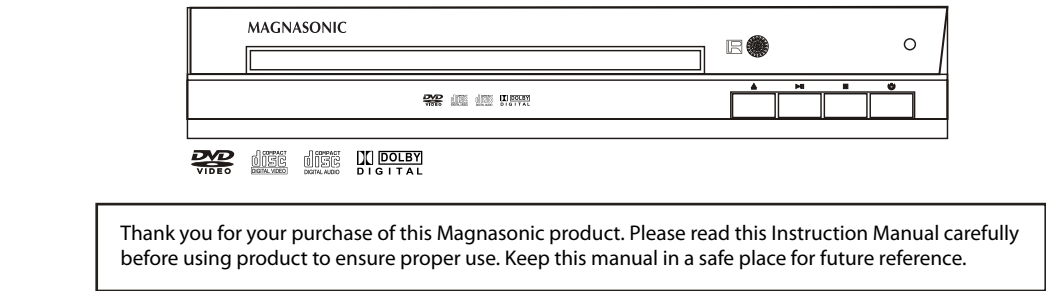
MDVD225

Progressive Scan DVD Player

For Customer Assistance Call:

1-800-663-5954

Instruction Manual



www.magnasonic.ca

SAFETY INSTRUCTIONS

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



IMPORTANT SAFETY INFORMATION
This product is designed to operate from from an mains outlet at AC 100 - 240 volts, 50/60Hz. Before using this product please ensure that the voltage to your mains outlet matches the acceptable voltage requirements of this product. The voltage of this product can also be found on the Rating Label located on the back.

Symbols
The Class II insulation symbol indicates that this product has been evaluated and tested to comply with Class II insulation requirements.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying this product.

TO REDUCE THE RISK OF BURNS, ELECTRIC SHOCK, FIRE OR INJURY TO PERSONS, PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT FOR THE FIRST TIME.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THIS PRODUCT IS DESIGNED FOR DOMESTIC USE ONLY; ANY OTHER USE MAY INVALIDATE THE GUARANTEE AND MIGHT BE DANGEROUS.

TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE THE COVER

This product has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this product will protect you if you observe the following procedures for installation, use, and servicing. This product does not contain any parts that can be repaired by the user.

Use this product only for its intended purposes only described in these instructions.

- DO NOT use this product if it is damaged in any way.
- DO NOT leave this product unattended while it is in operation.
- DO NOT cover or block any ventilation slots or openings on this product, or push objects into ventilation slots or openings.
- DO NOT store this product outdoors or expose it to rain or moisture.
- DO NOT immerse this product, the power cord or any accessories in water or any other liquid. Also, this product shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on this product.
- DO NOT use aggressive cleaners when cleaning this product, use only mild, non-abrasive soaps or detergents applied with a damp cloth or soft duster.
- DO NOT immerse the power cord or plug in water, and keep the power cord away from heated surfaces.
- DO NOT hand the power cord over the edge of a table or counter.
- DO NOT remove outer panels or covers from the product. Please refer all servicing to a qualified service professional.
- DO NOT place this product near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- DO NOT operate this product when room humidity is excessive.
- Never put a naked flame source on or near this equipment.
- Small parts. Do not let young children play with the equipment.

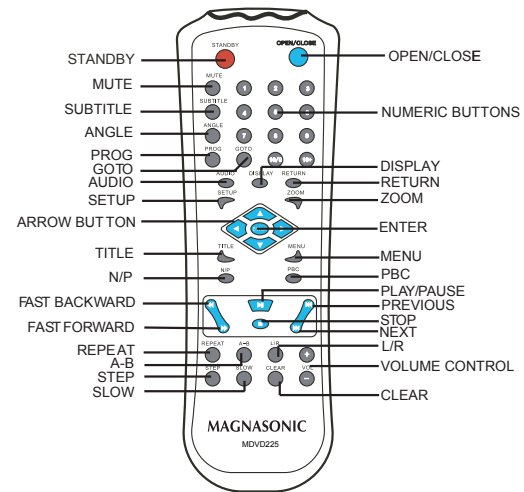
Examine the Product:
Remove all packing material and examine the product for any damage. Immediately notify the retail store where the product was purchased if the product is damaged.

Safe use and Care of your Equipment
Protecting the Power Cord: Please ensure that the power cord cannot be walked on, crushed, chafed, or cut. Avoid harsh conditions such as wet or damp places, high humidity, strong vibration, extremely high or low temperatures, strong sunlight, and places that are very dusty.
To save power, disconnect from the wall outlet when you are not using this product for an extended period of time.
Don't continue to use this product if you have split liquids on it, if it is damaged in any way, or if it does not work normally. Immediately unplug the product and seek expert advice. Pull the power cord out of the wall socket during thunderstorms.

Ventilation
Place this product on a hard flat surface away from direct sunlight and heat sources. If it is in a cabinet, allow at least a 10cm gap all around. Don't obstruct the ventilation slots, including those underneath, with soft furnishings. Overheating will shorten the life of this product and can increase the risk of fire.

Cleaning
Disconnect the power cord and use only a lightly dampened soft cloth. Do not use chemical solvents or strong detergents as these may damage the cosmetic finish.

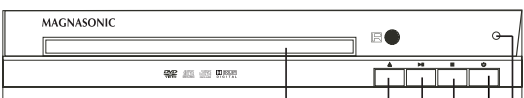
REMOTE CONTROL



Using the Remote Control
Unless stated otherwise, the remote control can operate all the features of this DVD Player. Always point the remote control directly at the remote sensor on the front of the DVD Player, not the TV, and ensure there is nothing obstructing the view of the remote control and the remote sensor.

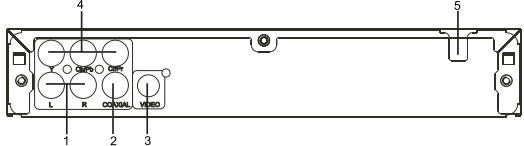
Battery Installation
Remove the battery compartment cover on the rear of the remote control. Place two "AAA" batteries inside the battery compartment matching the polarity markings. Do not mix old and new batteries, or different types of batteries. Re-install the battery compartment cover.

FRONT PANEL



- Disc Tray**
- OPEN/CLOSE** - Press to open or close the disc tray.
- PLAY/PAUSE** - Press to play the loaded disc, press again to pause current playback, and press again to resume playback from the paused state.
- STOP** - Press to stop disc playback.
- POWER** - Press to switch the unit ON or OFF.
- LED** - Indicates the unit is powered ON.

REAR PANEL

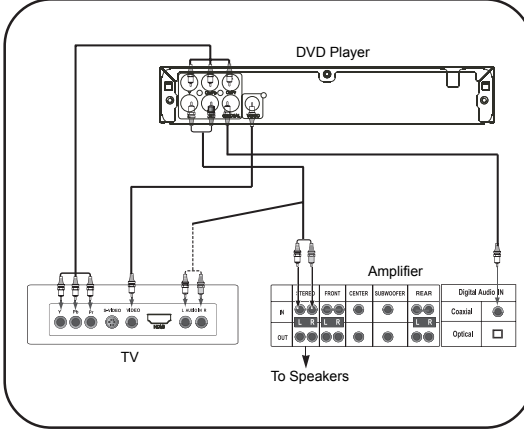


- AUDIO OUT (L/R)** - Connects to the audio input (red/white) jacks on your TV or monitor.
- DIGITAL AUDIO COAXIAL OUT** - To experience better sound quality than using AUDIO OUT (L/R). Connect an AV amplifier or receiver, equipped with a digital audio decoder to the Digital Audio Coaxial output on this unit.
- VIDEO OUT** - Connects to the composite video input jack on your TV or monitor to achieve high fidelity colour reproduction.
- COMPONENT** - To achieve better picture quality than using VIDEO OUT (composite video). Connect the component video output on this unit to the component video input on your TV or monitor (if available).
- Power Cord Socket**

CONNECTIONS

- Turn OFF the power before making or changing connections.
- Turn ON the power after you have finished the connections.
- Ensure the power cord is inserted firmly into the wall outlet.

Connect the supplied A/V cable to the TV and DVD player as shown below.



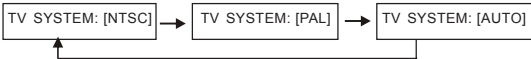
OPERATING INSTRUCTIONS

BASIC OPERATION
Functions Buttons on the Front Panel
These buttons function the same as the corresponding buttons on the remote control.

- Playing Discs**
- Press **POWER** on the TV and switch it to the correct video-in source. Refer to your TV's user manual to select the correct input on your TV.
 - Press **STANDBY** on the front panel of your DVD Player to turn the unit ON. A red indicating light comes ON.
 - Press **▲** to open the disc tray and insert a disc with its label facing up. Press again to close the disc tray. The unit will automatically read the disc.
 - Press **▶||** to play/pause playback, press **■** to stop playback,
 - Press **▲** to open the disc tray and remove the disc.

N/P
Choose one of the following video output modes by pressing the **N/P** button.

Each time you press the **N/P** button, the video output changes changes as below:



NOTE:
If you have selected the incorrect video selection for your input, no image or sound will occur.

MENU
During DVD playback, press **MENU** to return to the root menu.

PBC
During VCD playback, press **PBC** to turn the unit ON or OFF.

RETURN
During VCD playback (PCB is ON), press **RETURN** to display the root menu.

DISPLAY
Press **DISPLAY** to show the discs playback information.

Multi Speed Fast Motion Playback
Repeatedly press **▶▶** to fast forward playback. x 2, x 4, x 8 and x 20. Repeatedly press **◀◀** to fast reverse playback. x 2, x 4, x 8 and x 20. **Note:** Press **PLAY/PAUSE** to resume normal playback.

Multi Speed Slow Motion Playback
Repeatedly press **SLOW** to enter Slow Motion Playback mode. Slow Motion Playback has six speeds: 1/2, 1/3, 1/4, 1/5, 1/6 and 1/7. Press **PLAY/PAUSE** to resume normal playback.

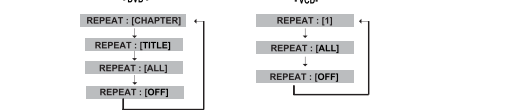
Changing the Audio Language
Press **AUDIO** to change the audio language to your desired language setting when playing a disc that has multi-language features.

L/R (Compatible with VCD discs)
Press **L/R** to select the desired audio channel.
CHANNEL: [MONO L] → CHANNEL: [MONO]
CHANNEL: [MIX MONO] → CHANNEL: [STEREO]

Skipping Tracks
To skip forward to the beginning of the next title / chapter / track on the disc, press **▶▶**.
To skip backward to the beginning of the preceding title / chapter / track on a disc, press **◀◀**.

- Selecting Tracks**
- Press **TITLE**. A list of the titles on the disc will be displayed.
 - Repeatedly press **▲,▼,◀,▶** or the numeric buttons to select the desired title.
 - Press **ENTER** to play the selected title.

Repeat
During playback, press **REPEAT** to play a title, chapter or disc. The repeat options are as below:



Repeat a Specific Defined Segment on the Disc
During normal or fast motion playback,

- Press **A-B** once and "REPEAT A" will appear on the display. This indicates the start of the loop to be repeated.
- Press **A-B** again at the point where you would like to stop repeating; "REPEAT A-B" will appear on the screen. It indicates the end of the loop.
- Press **A-B** a third time to cancel playback repeat.

Subtitles
Press **SUBTITLE** repeatedly to change the subtitle language or turn it OFF.

Program Play
The Program Playback option allows you to enter the order in which you want chapters or tracks to play to a maximum of 16.

- Press **PROG** to enter the program menu.
- Press **▲,▼,◀,▶** to highlight the next blank box.
- Press the numeric buttons to enter the Track or Title, then the chapter. (Example 01:03)
- Repeat the above steps to add more selections.
- Use **▲,▼,◀,▶** to select **PLAY**. Press to start.

- NOTES:**
- To clear the programmed order, use **▲,▼,◀,▶** to highlight "CLEAR". Press **ENTER** to delete the highlighted item.
 - To modify the programmed order, use **▲,▼,◀,▶** to highlight the item you would like to modify, and enter the new chapter or track you want to program.

GOTO:
During VCD/CD playback, press **GOTO** to display the information as below:

CD: **CD TRK 0345** **◀** **⏮** **⏭** **⏸** **⏹** **00:00:00**

VCD: **VCD TRK 0345** **◀** **⏮** **⏭** **⏸** **⏹** **00:00:00**

Use **◀,▶** to select the desired track/time; then using the numeric buttons, input the track/time you want to play. During DVD playback, press **GOTO**, to display the information as below:

DVD: **DVD TT 0345CH 00/02** **◀** **⏮** **⏭** **⏸** **⏹** **00:00:00**

Use **◀,▶** to select the desired track/time; then using the numeric buttons, input the track/time you want to play. After the information has been set, press **ENTER** to begin playback of the selected track/time for the title or chapter.

STEP
During playback, press **STEP** to enter step mode. To return to normal playback, press **▶||**. Step mode allows you to move through the DVD image frame by frame.

Changing the Camera Angle
Repeatedly press **ANGLE** to change the viewing angle.
NOTE:
This option is only available on DVD discs that support the multi-angle feature.

Zoom In on an Image
The Zoom Function allows you to enlarge the video image. Repeatedly press **ZOOM** to change the zoom setting. The zoom settings are: Zoom 2, Zoom 3, Zoom 4 and Zoom Off. When zoomed, use **▲,▼,◀,▶** to pan across the screen.

Volume control
You can press VOL+/- on the remote control, to increase or decrease the sound volume.

SYSTEM SETUP

General Steps of the Setup Menu

- Press **SETUP**, the main setup menu appears.
- When the main menu is displayed, the DVD will auto pause.
- Press **◀,▶** to highlight the icon of the desired page, then press **▲,▼** to activate that page.
- Press **SETUP** again to exit the Setup Menu.

System Setup
The system setup options are listed below:

TV SYSTEM
Depending on the format of your TV system, you may select the options below:
AUTO: Choose this settings if your DVD player is connected to a multi-system TV.
NTSC: Choose this settings if your DVD player is connected to an NTSC TV.
PAL: Choose this settings if your DVD player is connected to a PAL TV.

SCREEN SAVER
This feature can protect the screen from ghosting, dead pixels, and other damage.
ON: Choose this setting to activate the screen saver.
OFF: Choose this setting to cancel the screen saver.

VIDEO
You can set the video output to INTERLACE or PROGRESSIVE.

TV TYPE
4:3 PAN SCAN: Choosing this setting if your DVD player is connected to a normal standard ratio TV. (This setting may crop the left and right sides of the movie).
4:3 LETTER BOX: Choosing this setting if your DVD player is connected to a standard ratio TV. The movie will appear in its original aspect ratio (height-to-width ratio). However, the movie will take up a smaller portion of the display, and show a black bar at the top and bottom of the display.
16:9 (Wide Screen): Choose this setting if your DVD player is connected to a wide screen TV. If you choose this setting and you don't have a wide screen TV, the images on the screen may appear distorted due to vertical compression.

NOTE:
The image display ratio is related to the recorded disc format. Some disc can not display images in the aspect ratio you select. If you play a disc recorded in 4:3 format on a wide screen TV, black bars will appear on the left and right side of the screen. You must adjust the screen setting depending on the type of television.

DEFAULT
Choose this option to return all the setup options to the default settings.

Language Setup
The language setup options are listed below:

- Highlight the OSD LANGUAGE option, and press **▶,▲,▼** to choose the OSD language you prefer. Press **ENTER** to confirm, and the OSD will display in your preferred language.
The language options are: ENGLISH, FRENCH, SPANISH and GERMAN.
- Highlight the AUDIO LANG option and press **▶,▲,▼** to choose the audio language you prefer.
Press **ENTER** to confirm. If the disc you are playing has that language available, it will output audio in that language.
The language options are: ENGLISH, FRENCH, SPANISH and GERMAN.

- Highlight the SUBTITLE LANG option, and press **▶,▲,▼** to choose the subtitle language you prefer.
Press **ENTER** to confirm. If the disc you are playing has that language available, it will display subtitles in that language.
The language options are: ENGLISH, FRENCH, SPANISH and GERMAN.
- Highlight the MENU LANG option, and press **▶,▲,▼** to choose the menu language you prefer.
Press **ENTER** to confirm. If the disc you are playing has that language available, it will display the menu in that language.
The language options are: ENGLISH, FRENCH, SPANISH and GERMAN.

Audio Setup
The audio setup options are listed below:

AUDIO OUT
OFF: Output of an Analogue Audio signal, but no digital signal.
RAW: Output of a Digital Audio signal. Use this setting if your amplifier is not a two-channel stereo amplifier.
PCM: Output of a Digital Audio signal that is converted to a 2-channel signal. Use this setting if your amplifier is a two-channel stereo amplifier.

DOWNMIX
Use **▶,▲,▼** to highlight and adjust the option.
L / RT: This setting will change the audio so it will sound like a movie theatre. This option is only available for supported discs.
STEREO: A standard stereo signal will be output.

DYNAMIC RANGE
Reduces large variations in volume for night-time listening and to avoid loud sounds such as explosions.
ON: Loud sounds such as explosions are tuned down slightly.
OFF: The unit plays back at the recording level on the disc.

DUAL MONO
Choose this option to setup the L and R mono output mode. There are four modes in this option:
STEREO, MONO L, MONO R, and MIX MONO.

Video Setup
The video setup options are listed below:
BRIGHTNESS / CONTRAST / HUE / SATURATION / SHARPNESS
Use **▶,▲,▼** to highlight and adjust the options.

SPECIFICATIONS

Signal System	AUTONTSCPAL
Power Supply	AC 100-240V 50/60Hz
Dimensions	225(mm) x 225(mm) x 38(mm)
Supported Disc	DVD, DVD-+R/RW, and CD-R/RW

REFERENCE:
To protect your DVD player: when turning the unit OFF and ON, it is recommended to wait 30 seconds. This will help to increase the life of this unit. If the product is not going to be used for a prolonged period of time, disconnect from the wall outlet.
This unit is designed to operate from from an wall outlet at AC 100 - 240 volts, 50/60Hz. Before using this unit please ensure that the voltage to your wall outlet matches the acceptable voltage requirements of this unit. The voltage of this product can also be found on the Rating Label located on the back.
The player may not be compatible with some encrypted discs.

TROUBLESHOOTING

If you are experiencing technical problems with this unit; before requesting service, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment on your part may eliminate the problem and restore proper operation.
If you are unsure about some of the remedies indicated below, or they are unable to resolve your problem, please contact MAGNASONIC's customer support centre at 1-800-663-5954, or visit www.magnasonic.ca.

NOTE: Under no circumstances should you try to repair the unit yourself as this will void the warranty. Only qualified service personnel can remove the cover or service this unit.

Problem	Solution
No power	Check if the power cord has been properly connected to the power outlet. Check if the unit has been switched ON.
Does not play	No disc, load a disc. Disc has been loaded upside down. Place the disc with the label side up. Disc's rating level is higher than the player's rating level setting. Disc is not the correct type for the player. Disc is damaged or dirty. Clean the disc or try another disc. Moisture may be condensed inside the player. Remove the disc and leave the unit power OFF for one or two hours.
No picture	Check that the TV is powered ON. Use the TV remote to select the AV signal for DVD rather than broadcast. Check that the connections are proper and secure. Check if the connection cables are damaged. Verify the disc being used is compatible. Try cleaning the disc.
Picture noise / distorted	The disc is dirty or damaged. Clean the disc or try another disc. Reset the colour system of the TV set. If connected through another electronic device, try connecting the player directly to the TV set.
Picture not full screen	Select the screen format from the player's SETUP MENU. See "SYSTEM SETUP" of this manual.
Malfunction	Select the screen format from the DVD disc menu. Should the player develop a malfunction, unplug the player for 30 minutes. After 30 minutes, power ON the player and the restore function should reset the player.
Cannot SKIP or SEARCH	Some discs are programmed to not allow users to SKIP or SEARCH at some sections. Single Chapter discs do not support the SKIP function.
No sound or sound output is distorted	Check if the TV and Amplifier have been switch ON, and correctly set. Check if the TV and Amplifier system connection is secured. Press AUDIO to select other audio tracks. Check if the MUTE function of the TV or Amplifier has been activated. The sound will not output during REVERSE PLAY / PAUSE / STEP / SLOW and SEARCH.
Remote control does not function	Remove the obstacles between the remote control and the player. Point the remote control towards the remote sensor on the player. Check if the batteries of the remote control are installed matching the correct polarities. Replace the batteries in the remote control.

IMPORTANT DISPOSAL INFORMATION

 As a responsible manufacturer we care about the environment. As such we urge you to follow the correct disposal procedure for this product, batteries, and packaging materials. This will help conserve natural resources and ensure that it is recycled in a manner that protects the health of our environment.

You must dispose of this product and its packaging according to local laws and regulations. Because this product contains electronic components and batteries, the product and its accessories must be disposed of separately from household waste, when the product reaches its end of life.
Contact your local recycling facility to learn about disposal and recycling programs in your area. If applicable, it is recommended to take this product and batteries directly to your local recycling facility.

This unit uses 2 x 'AAA' batteries. These batteries are located in the remote control and are readily accessible. To remove the batteries, first remove the battery cover on the bottom of the remote control.